



IFW

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Dated: May 19, 2006      Signature: Robert B. Cohen  
(Robert B. Cohen)

Docket No.: SONYJP 3.3-1080  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kajiwara et al.

Application No.: 10/518,677

Group Art Unit: 2651

Filed: December 17, 2004

Examiner: A. L. Snizek

For: SIGNAL PROCESSING DEVICE AND  
SIGNAL PROCESSING METHOD

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATION PURSUANT TO 37 C.F.R. § 1.97(E) (1)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.97(e) (1), undersigned counsel hereby certifies that each item of information contained in the accompanying Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application to the above-referenced patent application not more than three months prior to the filing of said statement.

Dated: May 19, 2006

Respectfully submitted,

By Robert B. Cohen  
Robert B. Cohen

Registration No.: 32,768  
LERNER, DAVID, LITTENBERG,  
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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

It is respectfully requested that the references listed on the enclosed form be made of record and considered with respect to the above-referenced U.S. patent application. The cited references were listed on a search report issued in connection with applicant's corresponding European application. A copy of the search report and a copy of each non-U.S. reference are enclosed. Submission of the present Information Disclosure Statement should not be taken as an admission that the cited references are legally available prior art or that the same are pertinent or material.

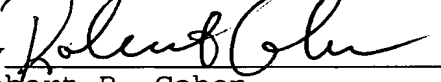
Application No.: 10/518,677

Docket No.: SONYJP 3.3-1080

In the event that any fee is due in connection with the present Information Disclosure Statement, the Commissioner is hereby authorized to charge the same to our Deposit Account No. 12-1095.

Dated: May 19, 2006

Respectfully submitted,

By 

Robert B. Cohen

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LD-458\



PTO/SB/08a/b (07-05)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/518,677-Conf. #2677
				Filing Date	December 17, 2004
				First Named Inventor	Yoshiyuki Kajiwara
				Art Unit	2651
				Examiner Name	A. L. Sniezek
Sheet	1	of	1	Attorney Docket Number	SONYJP 3.3-1080

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA*	US-2003/0028820-A1	02-06-2003	Takashi et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date <sup>1</sup> MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	WO-02/43340-A2	05-30-2002	Broadcom Corporation		✓
	BB	WO-02 103696-A2	12-27-2002	KoninKlijke Philips Electronics N.V.		✓
	BC	WO-03/003585-A1	01-09-2003	Infineon Technologies North America Corp.		✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	"Detection of Triplex-Forming RNA Oligonucleotides by Triplex Blotting", BioTechniques, Vol. 16, No. 6, June, 1994, pp. 1070-1072, 1074.		✓
	CB	ZI-NING WU ET AL., "A MMSE Interpolated Timing Recovery Scheme for the Magnetic Recording Channel", IEEE International Conference, June 8-12, 1997, Vol. 3, pp. 1625-1629.		✓
	CC	STENGER ET AL., "Nonlinear Acoustic Echo Cancellation with 2nd Order Adaptive Volterra Filters", IEEE International Conference on Acoustics, Speech & Signal Processing, Vol. 2, March 15, 1999, pp.877-880.		✓
	CD	KUCH ET AL., "Nonlinear Line Echo Cancellation Using a Simplified Second Order Volterra Filter", 2002 IEEE International Conference on Acoustics, May 13, 2002, Vol. 4, pp. II-1117-II-1120.		✓
	CE	SPURBECK, M. ET AL., "Interpolated Timing Recovery for Hard Disk Drive Read Channels", 1997 IEEE International Conference, June 8-12, 1997, Vol. 3, pp. 1618-1624.		✓
	CF	PROAKIS. JOHN G. "Digital Communications", 2001, pp. 678-680.		✓

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature		Date Considered	
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